

TABLE 2 - 75 Metropolitan Areas ITI by Region

Metropolitan Area	Intelligent Transportation Infrastructure				
	Freeway Management Centers	Advanced Public Transportation	Centralized Traffic Signal Control Systems	Incident Management Programs	Electronic Toll Collection Systems

FHWA Region 1

Albany, Schenectady, Troy	N	Y	N	Y	Y
Boston, Lawrence, Salem	Y	Y	Y	Y	Y
Buffalo, Niagara Falls	Y	Y	N	Y	Y
Hartford, New Britain, Middletown	Y	Y	Y	N	N
New Haven, Meriden	Y	Y	Y	Y	N
New York, Northern New Jersey, Long Island	Y	Y	Y	Y	Y
Providence, Pawtucket, Fall River	Y	N	Y	Y	N
Rochester	N	Y	Y	N	N
Springfield	N	Y	N	N	Y
Syracuse	N	N	N	N	Y
Totals 10 MPOs	6	8	6	6	6

FHWA Region 3

Allentown, Bethlehem, Easton	N	N	N	N	N
Baltimore	Y	Y	Y	Y	Y
Harrisburg, Lebanon, Carlisle	N	N	N	N	N
Norfolk, Virginia Beach, Newport News	Y	Y	Y	N	N
Philadelphia, Wilmington, Trenton	Y	N	N	Y	Y
Pittsburgh, Beaver Valley	N	Y	Y	N	N
Richmond, St. Petersburg	N	N	Y	N	N
Scranton, Wilkes-Barre	N	Y	N	N	N
Washington	Y	Y	Y	Y	Y
Totals 9 MPOs	4	5	5	3	3

Metropolitan Area	Intelligent Transportation Infrastructure				
	Freeway Management Centers	Advanced Public Transportation	Centralized Traffic Signal Control Systems	Incident Management Programs	Electronic Toll Collection Systems

FHWA Region 4

Atlanta	Y	Y	Y	Y	Y
Birmingham	Y	N	Y	Y	N
Charleston	Y	Y	Y	Y	N
Charlotte, Gastonia, Rock Hill	Y	N	Y	Y	N
Greensboro, Winston-Salem, High Point	Y	Y	Y	Y	N
Greenville, Spartanburg	N	N	Y	Y	N
Jacksonville	Y	N	Y	Y	N
Knoxville	N	N	N	N	N
Louisville	N	Y	Y	N	N
Memphis	N	N	N	N	N
Miami, Fort Lauderdale	Y	Y	Y	Y	Y
Nashville	N	N	Y	N	N
Orlando	Y	N	Y	Y	Y
Raleigh-Durham	N	Y	Y	Y	N
Tampa, St. Petersburg, Clearwater	Y	Y	Y	Y	Y
West Palm Beach, Boca Raton, Delray	N	N	Y	N	Y
Totals 16 MPOs	9	7	14	11	5

FHWA Region 5

Chicago, Gary, Lake County	Y	Y	Y	Y	Y
Cincinnati, Hamilton	Y	Y	Y	N	N
Cleveland, Akron, Lorain	N	Y	N	N	Y
Columbus	Y	Y	Y	Y	N

Metropolitan Area	Intelligent Transportation Infrastructure				
	Freeway Management Centers	Advanced Public Transportation	Centralized Traffic Signal Control Systems	Incident Management Programs	Electronic Toll Collection Systems
Dayton, Springfield	N	N	Y	N	N
Detroit, Ann Arbor	Y	Y	Y	Y	Y
Grand Rapids	N	N	Y	N	N
Indianapolis	N	N	N	N	N
Milwaukee, Racine	Y	Y	N	Y	N
Minneapolis, St. Paul	Y	Y	Y	Y	N
Toledo	N	N	Y	N	N
Youngstown, Warren	N	N	N	N	Y
Totals 12 MPOs	6	7	8	5	4

FHWA Region 6

Austin	N	N	Y	Y	N
Baton Rouge	N	N	N	N	N
Dallas, Fort Worth	Y	Y	Y	Y	Y
El Paso	Y	Y	Y	N	N
Houston, Galveston, Brazoria	Y	Y	Y	Y	Y
Little Rock, North Little Rock	N	N	Y	N	N
New Orleans	N	N	Y	N	Y
Oklahoma City	N	N	Y	N	Y
San Antonio	Y	Y	Y	Y	N
Tulsa	N	N	Y	N	Y
Totals 10 MPOs	4	4	9	4	5

Metropolitan Area	Intelligent Transportation Infrastructure				
	Freeway Management Centers	Advanced Public Transportation	Centralized Traffic Signal Control Systems	Incident Management Programs	Electronic Toll Collection Systems

FHWA Region 7

Kansas City	N	Y	Y	Y	Y
Omaha	N	N	Y	N	N
St. Louis	Y	N	N	Y	N
Wichita	N	N	N	N	Y
Totals 4 MPOs	1	1	2	2	2

FHWA Region 8

Denver, Boulder	Y	Y	Y	Y	Y
Salt Lake City, Ogden	N	N	Y	N	N
Totals 2	1	1	2	1	1

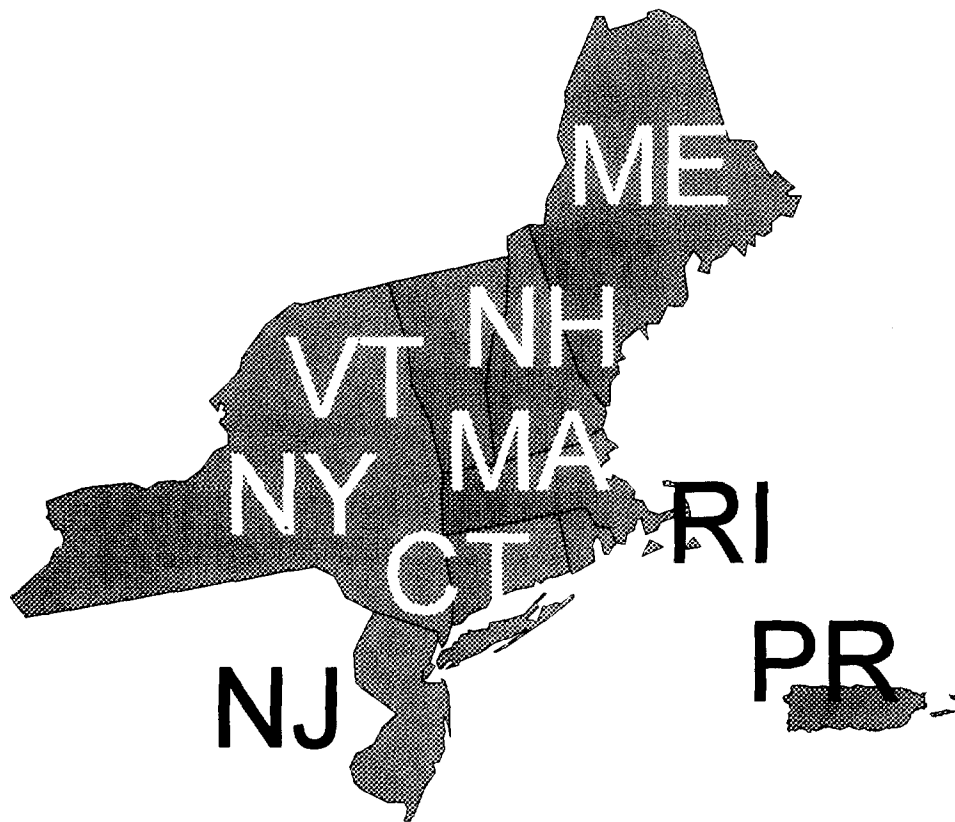
FHWA Region 9

Bakersfield	N	N	N	N	N
Fresno	Y	N	Y	N	N
Honolulu	Y	N	Y	N	N
Las Vegas	Y	N	Y	N	N
Los Angeles, Anaheim, Riverside	Y	Y	Y	Y	Y
Phoenix	Y	Y	Y	Y	N
Sacramento	Y	N	Y	Y	N
San Diego	Y	N	Y	Y	Y
San Francisco, Oakland, San Jose	Y	Y	Y	Y	Y
Tucson	N	Y	Y	N	N
Totals 10 MPOs	8	9	9	5	3

	Intelligent Transportation Infrastructure				
	Freeway Management Centers	Advanced Public Transportation	Centralized Traffic Signal Control Systems	Incident Management Programs	Electronic Toll Collection Systems
Metropolitan Area					

FHWA Region 10

Portland, Vancouver	Y	Y	Y	Y	N
Seattle, Tacoma	Y	Y	Y	Y	N
Totals 2 MPOs	2	2	2	2	0



Region 1

Table 1 - Traffic Signal Control Systems

Metropolitan Area	Jurisdiction	# of Centrally Controlled Signals	Traffic Information Collection										Means of Comm.				Means of Control			System Software				System Operation				General Comments
			CCTV	Call Boxes	Inductive Loops	Video Detection	Aircraft	Service Patrols	Cell-Phone	Vehicle Probes	CB Radio	Other	Coaxial Cable	Fiber Optic	Microwave	Other	NEMA	170	Other	ATC	SCOOT	SCATS	UTCS	Other	Special Events	Time of Day	Traff. Responsive	
Boston, MA	City of Boston	320			X							X				X						X			X	X	X	
Hartford, CT	City of Hartford	200	X		X						X	X				X	X					X		X	X	X		Radar Detectors
Hartford, CT	Newington Operations Center	400			X							X				X						X		X	X	X	X	
New Haven, CT	Bridgeport Operations Center	200			X							X				X							X	X	X	X	X	Closed Loop Distributed
New Haven, CT	New Haven Master Traffic Control Center	78			X							X				X							X	X	X			JHK Series 2000
New York	Nassau County																											
New York	NYC DOT Traffic Managemnet Center	6000	X		X							X						X				X		X	X	X	X	DEC 6240, Heurikon
New York	Westchester County	15			X							X				X						X		X	X	X		
New York	White Plains Traffic Control Center	96	X		X						X	X	X			X	X	X					X	X	X	X	X	JHK Series 2000 Microwave

Metropolitan Area	Jurisdiction	# of Centrally Controlled Signals	Traffic Information Collection										Means of Comm.				Means of Control			System Software					System Operation				General Comments
			CCTV	Call Boxes	Inductive Loops	Video Detection	Aircraft	Service Patrols	Cell-Phone	Vehicle Probes	CB Radio	Other	Coaxial Cable	Fiber Optic	Microwave	Other	NEMA	170	Other	ATC	SCOOT	SCATS	UTCS	Other	Special Events	Time of Day	Traff. Responsive	Vehicle Preemption	
New York	Traffic Operations Center- North Newark	40	X		X	X						X		X			X	X							X	X	X	X	
Providence, RI	State of Rhode Island																												In Design
Rochester, NY	Rochester/ Monroe County Traffic Control Cneter	381			X							X	X		X		X						X			X	X	X	Microwave Detectors

Table 2 - Freeway Management Systems

Metropolitan Area	Operation Name	Operator	Coverage Area	Ramp Metering	Traffic Detection & Verification								Motorist Information					General Comments
					Operation Center	Service Patrols	Inductive Loops	CCTV	CB-Radio	Cell-Phone	Call Boxes	Other	Alt. Routes	HAR	Media	VMS	Other	
Boston, MA	Traffic Operations Center	Mass. Highway Department	Southeast Expressway and the I-95/SR-128 corridor	None	X	X	X			X	X				X	X	X	SmarTraveler
Buffalo, NY	NITTEC Traffic Operations Center	NITTEC, NYSDOT	Under Design	None						X		X			X			
Hartford, CT	Newington Operations Center	CT DOT	19 miles of freeway in Hartford Metro Area	None	X			X				X		X	X	X		Roadside Mounted Radar, Real-time Data Collection
New Haven, CT	Bridgeport Operations Center	CT DOT	56 Miles of I-95	None	X			X			X	X			X	X		Radar Detectors
New York	INFORM																	
New York	Northern New Jersey Traffic Operations Center	New Jersey Turnpike Authority	44 miles of New Jersey Turnpike	Yes	X	X	X	X	X	X				X	X	X	X	Information Kiosks
New York	MAGIC		92 Miles	Construct		X	X	X	X	X	X			X		X	X	TRANSCOM
Providence, RI	I-95				X	X	X	X		X	X			X		X	X	Center in Design Phase

Table 3 - Advanced Public Transportation Systems

Metropolitan Area	Transit Operator	# of Buses w/ ITS Tech.	Transit Vehicle Technology						Traveler Services						Rail System	General Comments
			AVL	On Board Display	2 Way Data Comm.	Transit Opers. Software	Automated Disp.	Other	Passenger Info Sys.	Ride Share Info.	Reservation & Billing Sys.	Integrated Fare Media	Electronic Payment	Other		
Albany, NY	Capital District Transportation Authority (CDTA)	230	X		X		X	X					X		No	Silent Alarm System, Engine Component Probes, Interactive Voice Response
Boston, MA	Massachusetts Bay Transportation Authority (MBTA)	900							X						No	
Buffalo, NY	Metro (Buffalo, NY)	355							X						No	AVL will be installed
Buffalo, NY	Niagara Frontier Transportation Authority	375	X		X	X										Under Construction
Hartford, CT	Connecticut Department of Transportation - Hartford	220											X		No	
New Haven, CT	Connecticut Department of Transportation - New Haven	113											X		No	
New York	Connecticut Department of Transportation - Stamford	37											X		No	

Metropolitan Area	Transit Operator	# of Buses w/ ITS Tech.	Transit Vehicle Technology						Traveler Services						Rail System	General Comments
			AVL	On Board Display	2 Way Data Comm.	Transit Ops. Software	Automated Disp.	Other	Passenger Info Sys.	Ride Share Info.	Reservation & Billing Sys.	Integrated Fare Media	Electronic Payment	Other		
New York	MTA Long Island Bus	318													No	AVL, Computer Aided Dispatch, Silent Alarm, and Passenger Info under Design
New York	New Jersey Transit	800	X		X		X	X	X					X	No	Silent Alarm System, Telephone Information System
New York	New York City Transit	170											X		No	Installing AVL, Silent Alarm, Computer Dispatching, Kiosks, and Passenger Info System
Rochester, NY	Rochester Genesee Regional Transit Authority	215					X	X	X					X	No	GPS Based Next Stop Messages, Interactive Voice Response
Springfield, MA	Pioneer Valley Transit Authority	178			X	X										AVL in design

Table 4 - Incident Management Programs

Metropolitan Area	Operation Name	Coverage Area	Participating Organizations	General Comments
Albany, NY	I-87/ Northway Corridor Incident Management Program	I-87 Corridor	Capital District Transportation Committee, New York State DOT, New York State Police	Effort is underway to set up a pilot incident management program.
Boston, MA	Boston Metropolitan Area Incident Management Program	Boston Metro Area including I-95/ Route 128 and I-93	MA Municipal Assoc., MA Turnpike Authority, State Fire Assoc., MEMA, Samaritania Inc., Statewide Towing Assoc., DEP, Mass. State Patrol, MassHighway	
Buffalo, NY	Western New York Incident Management Team	Expressways in the urban area, approx. 50 miles.	City of Buffalo Police Dept., NYS Thruway Authority, NYS Dept of Environmental Conservation, NY State Police, Erie and Niagara County Sheriffs, Erie and Niagara County Fire Dept., NYSDOT, Erie and Niagara County DPW, Niagara Frontier Traffic Safety Counsel, City of Buffalo Fire Dept., Niagara Frontier Transportation Authority, Niagara Transportation Committee Staff, Metro Networks, Adelphia Cable, AAA, Empire State Towing & Recovery Association, Erie and Niagara County Disaster Preparedness	
New Haven, CT	Incident Management Program	I-95 from Greenwich to Branford	Local Planning/Engineering Representatives, Towing Operators, Emergency Medical Services, Local Police and Fire Departments, State Police, Southwest Regional Planning Association, CT DOT	
New York	Highway Emergency Local Patrol (HELP)	I-684, Sprain Brook Parkway and lower section of Bronx River Parkway	NYS Police, NYSDOT	
New York	New Jersey Turnpike Incident Management	New Jersey Turnpike	HAZMAT responders, wrecker companies, first aid squads, fire squads, New Jersey State Police - Troop D, New Jersey Turnpike Authority	

Metropolitan Area	Operation Name	Coverage Area	Participating Organizations	General Comments
New York	TRANSCOM	28 Counties in CT, NY, and NJ		
New York	Northern New Jersey Incident Management Program	Northern New Jersey		
Providence, RI	Statewide Incident Management Program			In Design

Table 5 - Electronic Toll Collection Systems

Metropolitan Area	Operation Name	Participating Organizations	Coverage Area	Antennae Location	In-Vehicle Equipment	General Comments
Albany, NY	New York State Thruway	New York State Thruway Authority	10 miles of NYS Thruway through Albany and Schenectady	Overhead	Tag Based: Mark IV	
Boston, MA	3rd Harbor Tunnel	Massachusetts Turnpike Authority	3rd Harbor Tunnel	To be Determined	Tag Based	Currently under design
Boston, MA	Callahan & Sumner Tunnels	Massachusetts Turnpike Authority	Callahan & Sumner Tunnels	To be Determined	Tag Based	Currently under design
Buffalo, NY	New York State Thruway	NY State Thruway Authority	Niagra Section of the NYS Thruway	Overhead	Tag Based	
New York	Bayonne Bridge	Port Authority of NY and NJ	From NJ SR 501 to Willowbrook Expressway	Overhead	Tag Based	Not currently installed, should be installed by end of 1998
New York	Bronx - Whitestone Bridge	Triborough Bridge and Tunnel Authority	I-678 from Bronx to Queens	Overhead	Tag Base	Under Construction
New York	Brooklyn Battery Tunnel	Triborough Bridge and Tunnel Authority	I-478 from Manhattan to Brooklyn	Overhead	Tag Based	Under Construction
New York	Cross Bay Veteran's Memorial Bridge	Triborough Bridge and Tunnel Authority	Cross Bay Blvd across Jamaica Bay	Overhead	Tag Based	Under Construction
New York	Henry Hudson Bridge	Triborough Bridge and Tunnel Authority	From Manhattan to Bronx	Overhead	Tag Based	Under Construction
New York	Lincoln Tunnel	Port Authority of NY and NJ	SR -495 from Weehawken, NJ to Manhattan, NY	Overhead	Tag Based	In Design phase, begin installing mid-1997, to be completed end of 1998
New York	Marine Parkway Bridge	Triborough Bridge and Tunnel Authority	Flatbush Ave from Kings County to Queens County	Overhead	Tag Based	Under Construction

Metropolitan Area	Operation Name	Participating Organizations	Coverage Area	Antennae Location	In-Vehicle Equipment	General Comments
New York	New England Thruway	New York State Thruway Authority	I-95 from Pelham Parkway to Connecticut	Overhead	Tag Based	
New York	New York State Thruway	NY State Thruway Authority	Tappan Zee Bridge	Overhead	Tag Based	By May 1996, will operate on the NYS Thruway between New York City and Albany
New York	Outerbridge Crossing	Port Authority of NY and NJ	SR 440 from Perth Amboy, NJ to Staten Island, NY	Overhead	Tag Based	In Design phase, begin installing mid-1997, to be completed end of 1998
New York	Queens Midtown Tunnel	Triborough Bridge and Tunnel Authority	I-495 from Manhattan to Queens	Overhead	Tag Based	Under Construction
New York	Throgs Neck Bridge	Triborough Bridge and Tunnel Authority	I-295 from Bronx to Queens	Overhead	Tag Based	Under Construction
New York	Triborough Bridge	Triborough Bridge and Tunnel Authority	I-278 from Bronx to Queens	Overhead	Tag Based	Under Construction
New York	Verrazano - Narrows Bridge	Triborough Bridge and Tunnel Authority	I-278 from Staten Island to Brooklyn	Overhead	Tag Based	
Springfield, MA	Massachusetts Turnpike	Massachusetts Turnpike Authority	I-90 from NY state line to Boston	To be Determined	Tag Based	In Design Phase
Syracuse, NY	New York State Thruway	New York State Thruway Authority	NYS Thruway between Albany and Buffalo	Overhead	Tag Based	Under Construction



Region 3

Table 1 - Traffic Signal Control Systems

Metropolitan Area	Jurisdiction	# of Centrally Controlled Signals	Traffic Information Collection										Means of Comm.				Means of Control			System Software					System Operation				General Comments
			CCTV	Call Boxes	Inductive Loops	Video Detection	Aircraft	Service Patrols	Cell-Phone	Vehicle Probes	CB Radio	Other	Coaxial Cable	Fiber Optic	Microwave	Other	NEMA	170	Other	ATC	SCOOT	SCATS	UTCS	Other	Special Events	Time of Day	Traff. Responsive	Vehicle Preemption	
Baltimore, MD	Baltimore DPW - Trans Engineering Div.	935			X								X					X					X		X			Custom Designed CCT, Proprietary Interval Based System	
Norfolk, VA	City of Norfolk	100			X								X				X						X	X	X	X	X	Closed Loop Distributed Control Software	
Pittsburgh, PA	City of Pittsburgh	93			X									X			X					X				X	X		
Richmond, VA	Richmond City	260			X								X					X					X	X	X		X	E Pact, MONARC: Eagle	
Washington, DC	City of Alexandria	148			X							X	X				X					X		X	X			Microwave Detectors	
Washington, DC	VA DOT	800			X												X	X							X	X	X	UTCS under construction	
Washington, DC	Washington Department of Public Works	1350			X							X	X					X				X		X	X			Microwave Detectors	

Metropolitan Area	Jurisdiction	# of Centrally Controlled Signals	Traffic Information Collection												Means of Comm.				Means of Control				System Software				System Operation				General Comments
			CCTV	Call Boxes	Inductive Loops	Video Detection	Aircraft	Service Patrols	Cell-Phone	Vehicle Probes	CB Radio	Other	Coaxial Cable	Fiber Optic	Microwave	Other	NEMA	170	Other	ATC	SCOOT	SCATS	UTCS	Other	Special Events	Time of Day	Traffic Responsive	Vehicle Preemption			
Washington, DC	Montgomery County ATMS	650	X		X																						X	X	X		

Table 2 - Freeway Management Systems

Metropolitan Area	Operation Name	Operator	Coverage Area	Ramp Metering	Traffic Detection & Verification								Motorist Information					General Comments
					Operation Center	Service Patrols	Inductive Loops	CCTV	CB-Radio	Cell-Phone	Call Boxes	Other	Alt. Routes	HAR	Media	VMS	Other	
Baltimore, MD	SHA Traffic Operations Center(TOC) Golden Ring Mall	Maryland SHA	I-695, I-95, I-83, I-795, MD-295 & various arterials	None	X	X	X	X	X	X		X		X	X	X		Wide Area Radar Detector, Incident Management Program
Baltimore, MD	Statewide Operations Center (SOC)	Maryland SHA	Statewide	None	X	X	X	X	X	X		X		X	X	X		Overhead Radar Detector, Incident Management Program
Norfolk, VA	Elizabeth River Downtown & Midtown Tunnels	VA DOT	I-264 Downtown Tunnel	None	X		X	X				X		X		X		Vehicles as probes, Incident Management Program
Norfolk, VA	Hampton Roads Bridge-Tunnel	VA DOT	I-64 Hampton Roads Bridge Tunnel	None	X	X	X	X				X		X		X		Vehicles as probes, Incident Management Program
Norfolk, VA	Monitor-Merrimac Memorial Bridge-Tunnel	VA DOT	I-64 Monitor - Merrimac Memorial Bridge - Tunnel	None	X	X	X	X				X		X		X		Vehicles as probes, Incident Management Program
Norfolk, VA	Traffic Management System of Hampton Road	VA DOT	I-64 between I-564 & I-264/VA-44	None	X	X	X	X	X					X	X	X	X	Info available on personal computer via modem, Incident Management Program

Metropolitan Area	Operation Name	Operator	Coverage Area	Ramp Metering	Traffic Detection & Verification								Motorist Information					General Comments
					Operation Center	Service Patrols	Inductive Loops	CCTV	CB-Radio	Cell-Phone	Call Boxes	Other	Alt. Routes	HAR	Media	VMS	Other	
Philadelphia, PA	I-476 Ramp Metering Project	PA DOT	I-476 between I-95 and the Pennsylvania Turnpike	Under Construction	X		X	X				X						Spread Spectrum Radio, Fiber Optic, Collection system under construction
Philadelphia, PA	Traffic and Incident Management System	PA DOT, Delaware River Port Authority, METRO, Philadelphia Highway Patrol	I-95 from SR-420 to Bridge Street	Under Construction	X	X		X				X			X	X		Surveillance Aircraft, Vehicle Probes
Washington, DC	I-66/I-95/I-395 Traffic Management System	VA DOT	I-66, I-95, I-395	Yes	X	X	X	X	X			X		X	X	X		Surveillance Aircraft
Washington, D.C.	Northern Virginia Traffic Operations Center	VA DOT	I-66, I-395, I-95/495	None	X	X						X		X				Traffic Info. Collection via Surveillance Aircraft, Incident Management Program
Washington, D.C.	SHA Traffic Operations Center (TOC-3) College Park	Maryland SHA	I-95/495, I-270, US-50, US-29, MD-295, and various arterials	None	X	X	X	X	X	X		X		X	X	X		Traffic Info. Collection via Wide Area Radar Detector, Incident Management Program

Metropolitan Area	Operation Name	Operator	Coverage Area	Ramp Metering	Traffic Detection & Verification								Motorist Information					General Comments
					Operation Center	Service Patrols	Inductive Loops	CCTV	CB-Radio	Cell-Phone	Call Boxes	Other	Alt. Routes	HAR	Media	VMS	Other	
Washington, D.C.	Montgomery County Advanced Transportation Management Center	Montgomery County	I-270 & various arterials	None	X			X				X		X	X			Traffic Info Coll. via Surveillance Aircraft, Incident Mngt Prog

Table 3 - Advanced Public Transportation Systems

Metropolitan Area	Transit Operator	# of Buses w/ ITS Tech.	Transit Vehicle Technology						Traveler Services						Rail System	General Comments
			AVL	On Board Display	2 Way Data Comm.	Transit Opers. Software	Automated Disp.	Other	Passenger Info Sys.	Ride Share Info.	Reservation & Billing Sys.	Integrated Fare Media	Electronic Payment	Other		
Baltimore, MD	Mass Transit Administration	935	X		X		X	X	X	X		X				Silent Alarm System, Automated Enunciation System
Norfolk, VA	Tidewater Regional Transit	200	X		X			X	X							Silent Alarm System
Pittsburgh, PA	Beaver County Transit Authority	36	X		X			X	X							Silent Alarm System
Scranton, PA	County of Lakawanna Transit System (COLTS)	32	X				X	X	X							Silent Alarm, GPS based next stop messages
Washington, DC	Potomac and Rappahannock Transportation Commission	75	X		X	X	X									
Washington, DC	Montgomery County Ride-On	250						X						X		Ailent Alarm, Interactive Voice Response. AVL, Two-way data under construction, Passenger Info system in design phase.
Washington, DC	WMATA	1322						X				X	X		Yes	Automated Enunciation System

Table 4 - Incident Management Programs

Metropolitan Area	Operation Name	Coverage Area	Participating Organizations	General Comments
Baltimore, MD	Chesapeake Highway Advisory Routing Traffic (CHART)	All State Routes	Montgomery TMC, Maryland Toll Authorities, Maryland State Police, Maryland State Highway Authority	
Philadelphia, PA	Traffic and Incident Management System	I-95 from SR-420 to Bridge Street	Philadelphia Highway Patrol, Pennsylvania State Patrol, Pennsylvania DOT	
Washington, DC	I-66 Joint Operations Center	I-66, I-495, I-395, I-95	Montgomery County, Virginia State Police, Fairfax County Police, Fairfax County Fire and Rescue, Arlington County, Alexandria City, Prince William County, VA DOT, Washington DC, Prince Georges County, Maryland State Police, Maryland Department of Highways, I-66/I-95/I-395 Traffic Management System, Northern Virginia Traffic Operations Center, Loudon County	
Washington, DC	Chesapeake Highway Advisory Routing Traffic (CHART)	All State Routes	Maryland Toll Authorities, Maryland State Police, Maryland State Highway Authority, Montgomery County TMC	

Table 5 - Electronic Toll Collection Systems

Metropolitan Area	Operation Name	Participating Organizations	Coverage Area	Antennae Location	In-Vehicle Equipment	General Comments
Baltimore, MD	Susquehanna Bridge	Maryland Transportation Authority	US-40 across Susquehanna River	Focused Beam	Tag Based	
Philadelphia, PA	Ben Franklin Bridge	Delaware River Port Authority	I-676 from Camden, NJ to Philadelphia, PA	Focused Beam	Bar Code, IC Card	passenger cars only weighing less than 7000 pounds
Philadelphia, PA	Betsy Ross Bridge	Delaware River Port Authority	SR-90 from Pennsauken, NJ to Philadelphia, PA	Focused Beam	Bar Code, IC Card	passenger cars only weighing less than 7000 pounds
Philadelphia, PA	Commodore John Barry Bridge	Delaware River Port Authority	US-322 from Bridgeport, NJ to Philadelphia, PA	Focused Beam	Bar Code, IC Card	passenger cars only weighing less than 7000 pounds
Philadelphia, PA	Walt Whitman Bridge	Delaware River Port Authority	I-76 from Gloucester, NJ to Philadelphia, PA	Focused Beam	Bar Code, IC Card	passenger cars only weighing less than 7000 pounds
Washington, DC	Dulles Greenway	TRIP II	Dulles Toll Road from Dulles Airport to Leesburg	Overhead	Tag Based: Mark IV	
Washington, DC	Dulles Toll Road	VA DOT	Dulles Toll Road from SR-28 to I-495	Overhead	Tag Based: Mark IV	



Region 4